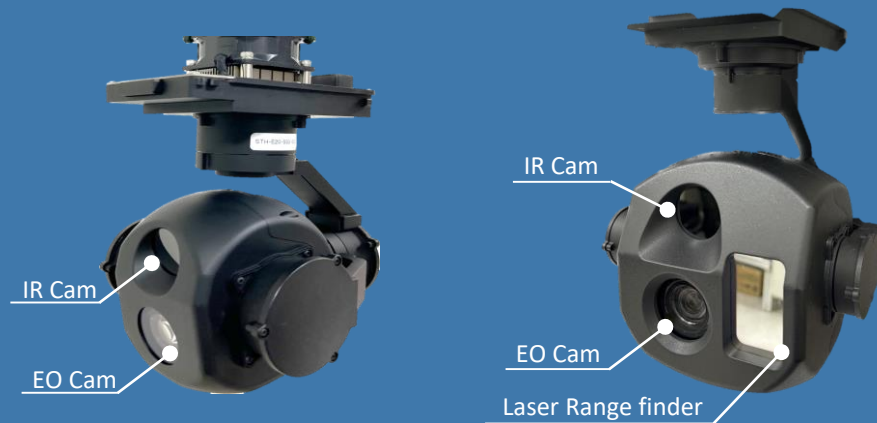


Edge AI Payload OwlEye 11 / 11L

- Powered by Nvidia Jetson Xavier NX edge computing, AI tracking and recognition are enabled (object training upon request)
- A 4K resolution, 20X optical zoom camera integrated with a 2km laser rangefinder
- Capable to reach NIIRS6 image quality (National Imagery Interpretability Rating Scale)



	OwlEye 11	OwlEye 11L
EO Camera	EO Cam 4K with 20X optical zoom Tele f = 88mm HFOV 70.2° Wide f = 4.4mm HFOV 4.1°	
IR camera	Boson 640*512, FOV 50°	
Rugged design	IP65	
Laser Rangefinder	---	2Km
Total weight	2,000g	1,700g
Object Tracking AI	Yes	
EO Image Quality	NIIRS 6	
Gimbal Pitch	+ 45° to - 90°	
Gimbal Yaw/Roll	± 175° / ± 45°	
Working Temperature	-10°C ~ 60°C	
Others	Nvidia Jeston Xavier NX / Windows 10 Compatible	



Payload MerlinEye 21 G2

- NIISR6-certified payload and suitable to work with small drone airframes.
- Dual lens module design, a 12MP wide-EO and a tele-EO lens, it captures stunning 4K resolution at 30fps with an astounding 128X zoom.
- Paired with a versatile Boson IR camera offering 640*512 resolution and various image modes, including vivid Rainbow and crisp White hot.
- Rugged IP54-rated design and light weight 250g.



	MerlinEye 21 G2
EO Camera	Wide-EO 12MP, Tele-EO 12MP Resolution: 4K. Frame rate: 30FPS. Zoom: 128X Tele f = 16.3mm DFOV 27.3° Wide f = 3.2mm DFOV 100.2°
IR camera	Boson 640*512, FOV 32° • Resolution: 640*512. Frame rate: 60FPS. Zoom: 4X • EO & IR image fusion • IR image mode: White hot, Black hot, Iron red, Rainbow
Rugged design	IP54
Laser Rangefinder	---
Total weight	250g
Object Tracking AI	---
EO Image Quality	NIIRS 6
Gimbal Pitch	+ 45° to - 90°
Gimbal Yaw/Roll	± 175° / ± 45°
Working Temperature	-10°C ~ 50°C

